



**CITY OF LODI  
COUNCIL COMMUNICATION**

**AGENDA TITLE:** Adopt Resolution Awarding Contract for the Water and Wastewater Main Replacement Program – Project No. 2 to Crutchfield Construction Company; and Appropriate \$2,350,000 for the Project

**MEETING DATE:** June 2, 2004

**PREPARED BY:** Public Works Director

**RECOMMENDED ACTION:** That the City Council adopt a resolution awarding the contract for the above project to Crutchfield Construction Company, of Lodi, in the amount of \$1,994,167.20; and appropriate additional funds in accordance with the recommendation below.

**BACKGROUND INFORMATION:** The Water and Wastewater Main Replacement Program is a multi-year, multi-project program to rehabilitate existing water and wastewater infrastructure in the oldest parts of the City. The limits of this project (Project No. 2) are reflected on the attached Exhibit.

Portions of Project No. 2 lie adjacent to the limits of Project No. 1 which was completed in the fall of 2003.

Project No. 2 includes trenchless rehabilitation of approximately 12,100 LF of existing 6-inch diameter wastewater main located in the backyards of homes; the installation of approximately 6,500 LF of new water main in the public right-of-way, along with approximately 325 new water services. The construction work is anticipated to take approximately eight months.

Plans and specifications for this project were approved on March 17, 2004. On May 12, 2004, sealed bids were opened with the following results:

Bidder	Location	Bid
Engineering Estimate		\$2,511,583.00
Crutchfield Construction Company	Stockton, CA	\$1,994,167.20
Tidelands Construction Company	Brentwood, CA	\$2,388,805.00

The bid received by Crutchfield Construction Company is technically compliant with the City's plans and specifications, and the bidder possesses the required valid contractor's license. A bid summary is attached.

Construction of this project is anticipated to start in June of this year. Inspection and construction management services will be performed by City Engineering staff. The work associated with connecting the new water mains with the existing water mains will be performed by Water/Wastewater Division

APPROVED:

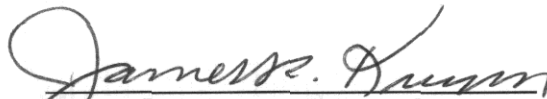
H. Dixon-Flynn, City Manager


crews with City-supplied materials. Public information meetings will be conducted to inform the community about the construction schedule and project scope.

An additional component of this project includes pavement restoration. However, due to the timing of this project, it may be necessary to postpone this component until the summer of 2005. At such time, the pavement restoration work will be funded by the Water and Wastewater Utility Capital Outlay Funds.

**FUNDING:** Funding for this project will be from the Water and Wastewater Capital Outlay Funds and distributed as shown below. The difference between the contract and the requested appropriation includes funds for City-supplied water and wastewater materials, materials testing, and anticipated change orders arising from unforeseen changes in the work.

Requested Appropriation:	\$2,350,000.00	
Water Utility Capital Outlay Fund (181677)	\$	730,000.00
Wastewater Utility Capital Outlay Fund (171022)	\$	1,620,000.00
Total Project Estimate:	\$2,350,000.00	
Bid Opening Date:	May 12, 2004	

  
James R. Krueger, Finance Director

  
Richard C. Prima, Jr.  
Public Works Director

Prepared by Charlie Swimley, Senior Civil Engineer

RCP/CES/pmf

Attachments

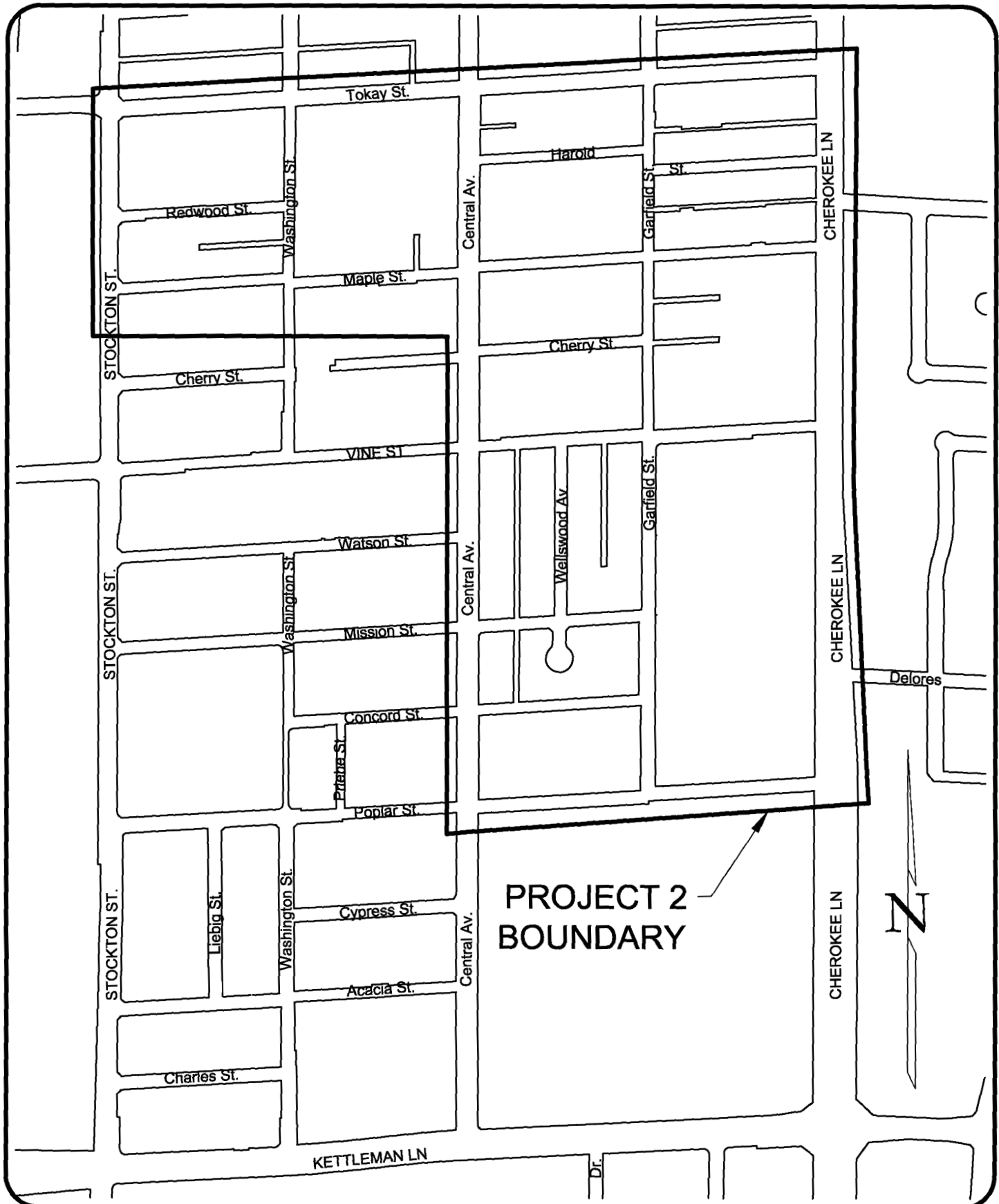
cc: Stephen Schwabauer, Interim City Attorney  
F. Wally Sandelin, City Engineer  
Wes Fujitani, Senior Civil Engineer  
Sharon Welch, Senior Civil Engineer  
Paula Fernandez, Senior Traffic Engineer  
Joel Harris, Purchasing Officer  
Frank Beeler, Assistant Water/Wastewater Superintendent  
George Bradley, Street Superintendent



# CITY OF LODI

PUBLIC WORKS DEPARTMENT

## Eastside Project 2 Boundary



**Water Wastewater Main Replacement Program  
(Project No. 2)**

				Engineer's Estimate		Crutchfield Construction		Tidelands Construction		Contractor Average	
Item No.	Description	Unit	Qty.	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
<b>A</b>	<b>Miscellaneous</b>										
1	Mobilization	LS	1	\$ 120,000.00	\$ 120,000.00	\$ 200,000.00	\$ 200,000.00	\$ 50,000.00	\$ 50,000.00	\$ 125,000.00	\$ 125,000.00
2	Construction Photography	LS	1	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 3,500.00	\$ 3,500.00	\$ 2,250.00	\$ 2,250.00
3	Public Notification	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 1,000.00	\$ 1,000.00	\$ 3,000.00	\$ 3,000.00
4	Clean and CCTV Existing 6" Wastewater Pipeline (Post Construction)	LF	12,066	\$ 2.25	\$ 27,148.50	\$ 1.20	\$ 14,479.20	\$ 1.00	\$ 12,066.00	\$ 1.10	\$ 13,272.60
5	Sheeting, shoring, sloping, and bracing or equivalent method conforming to applicable safety standards.	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 11,000.00	\$ 11,000.00	\$ 8,500.00	\$ 8,500.00	\$ 9,750.00	\$ 9,750.00
6	Storm Water Pollution Prevention Plan	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 2,000.00	\$ 2,000.00	\$ 3,000.00	\$ 3,000.00	\$ 15,001.00	\$ 15,001.00
7	Storm Water Pollution Control	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 2,000.00	\$ 2,000.00	\$ 1,500.00	\$ 1,500.00	\$ 15,002.00	\$ 15,002.00
8	As Built Drawings	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 2,000.00	\$ 2,000.00	\$ 500.00	\$ 500.00	\$ 15,003.00	\$ 15,003.00
	<b>Subtotal Miscellaneous</b>				<b>\$ 228,148.50</b>		<b>\$ 237,479.20</b>		<b>\$ 80,066.00</b>		<b>\$ 198,278.60</b>
<b>B</b>	<b>Wastewater</b>										
1	Install new 6" Wastewater Pipeline by open-cut methods	LF	99	\$ 100.00	\$ 9,900.00	\$ 60.00	\$ 5,940.00	\$ 150.00	\$ 14,850.00	\$ 105.00	\$ 10,395.00
2	Rehabilitate Existing 6" Wastewater Pipeline	LF	12,066	\$ 35.00	\$ 422,310.00	\$ 35.00	\$ 422,310.00	\$ 26.50	\$ 319,749.00	\$ 30.75	\$ 371,029.50
3	Internal / External Lateral Reinstatement	EA	281	\$ 325.00	\$ 91,325.00	\$ 330.00	\$ 92,730.00	\$ 300.00	\$ 84,300.00	\$ 315.00	\$ 88,515.00
4	Point Repair - Open Cut Method	EA	5	\$ 2,500.00	\$ 12,500.00	\$ 2,000.00	\$ 10,000.00	\$ 6,000.00	\$ 30,000.00	\$ 4,000.00	\$ 20,000.00
5	Manhole Rehabilitation	EA	48	\$ 1,325.00	\$ 63,600.00	\$ 1,800.00	\$ 86,400.00	\$ 950.00	\$ 45,600.00	\$ 1,375.00	\$ 66,000.00
6	Abandon Existing Wastewater Pipeline	LF	120	\$ 20.00	\$ 2,400.00	\$ 10.00	\$ 1,200.00	\$ 15.00	\$ 1,800.00	\$ 12.50	\$ 1,500.00
7	WW Service Cleanout	EA	5	\$ 525.00	\$ 2,625.00	\$ 500.00	\$ 2,500.00	\$ 1,000.00	\$ 5,000.00	\$ 750.00	\$ 3,750.00
8	Install WW Manhole	EA	5	\$ 2,000.00	\$ 10,000.00	\$ 4,200.00	\$ 21,000.00	\$ 5,000.00	\$ 25,000.00	\$ 4,600.00	\$ 23,000.00
9	Abandon Exist. WW Manhole	EA	2	\$ 900.00	\$ 1,800.00	\$ 750.00	\$ 1,500.00	\$ 1,000.00	\$ 2,000.00	\$ 875.00	\$ 1,750.00
	<b>Subtotal Wastewater</b>				<b>\$ 616,460.00</b>		<b>\$ 643,580.00</b>		<b>\$ 528,299.00</b>		<b>\$ 585,939.50</b>
<b>C</b>	<b>Water Improvements</b>										
1	Install new 8" Water Main	LF	5,266	\$ 50.00	\$ 263,300.00	\$ 66.00	\$ 347,556.00	\$ 105.00	\$ 552,930.00	\$ 85.50	\$ 450,243.00
2	Install new 6" Water Main	LF	217	\$ 49.00	\$ 10,633.00	\$ 61.00	\$ 13,237.00	\$ 80.00	\$ 17,360.00	\$ 70.50	\$ 15,298.50
3	Install new 3" Water Main	LF	152	\$ 49.00	\$ 7,448.00	\$ 30.00	\$ 4,560.00	\$ 90.00	\$ 13,680.00		\$ -
4	Install new 2" Water Main	LF	806	\$ 49.00	\$ 39,494.00	\$ 30.00	\$ 24,180.00	\$ 70.00	\$ 56,420.00		\$ -
5	Install 1" Water Service w/ Valve Box (Tapping New Mains)	EA	171	\$ 2,000.00	\$ 342,000.00	\$ 925.00	\$ 158,175.00	\$ 950.00	\$ 162,450.00	\$ 937.50	\$ 160,312.50
6	Install 1" Water Service w/ Valve Box (Tapping Exist. Mains)	EA	155	\$ 1,800.00	\$ 279,000.00	\$ 1,000.00	\$ 155,000.00	\$ 1,000.00	\$ 155,000.00	\$ 1,000.00	\$ 155,000.00
7	Connect New Water Service to Buildings	EA	326	\$ 1,200.00	\$ 391,200.00	\$ 600.00	\$ 195,600.00	\$ 1,800.00	\$ 586,800.00	\$ 1,200.00	\$ 391,200.00
8	Install 1" Extended Water Service to Back Lot	EA	10	\$ 2,000.00	\$ 20,000.00	\$ 1,500.00	\$ 15,000.00	\$ 3,750.00	\$ 37,500.00	\$ 2,625.00	\$ 26,250.00
9	Install 8" Gate Valve	EA	7	\$ 900.00	\$ 6,300.00	\$ 900.00	\$ 6,300.00	\$ 1,250.00	\$ 8,750.00	\$ 1,075.00	\$ 7,525.00
10	Install Valve Box on Ex. Water Services		67	\$ 800.00	\$ 53,600.00	\$ 300.00	\$ 20,100.00	\$ 250.00	\$ 16,750.00		\$ -
11	Install Fire Hydrant Assembly	EA	12	\$ 3,000.00	\$ 36,000.00	\$ 3,000.00	\$ 36,000.00	\$ 3,500.00	\$ 42,000.00	\$ 3,250.00	\$ 39,000.00
12	Exist. Main Tie-In Excavations	EA	22	\$ 2,500.00	\$ 55,000.00	\$ 1,800.00	\$ 39,600.00	\$ 1,500.00	\$ 33,000.00	\$ 1,650.00	\$ 36,300.00
	<b>Subtotal Water</b>				<b>\$ 1,503,975.00</b>		<b>\$ 1,015,308.00</b>		<b>\$ 1,682,640.00</b>		<b>\$ 1,281,129.00</b>
<b>D</b>	<b>Street and Landscape Improvements</b>										
1	Replace Existing Landscape Improvements per Lot Damaged during W/WW service connection/disconnection, and Point Repairs.	EA	326	\$ 500.00	\$ 163,000.00	\$ 300.00	\$ 97,800.00	\$ 300.00	\$ 97,800.00	\$ 300.00	\$ 97,800.00
	<b>Subtotal Street and Landscape Improvements</b>				<b>\$ 163,000.00</b>		<b>\$ 97,800.00</b>		<b>\$ 97,800.00</b>		<b>\$ 97,800.00</b>
	<b>Total Bid Price</b>				<b>\$ 2,511,583.50</b>		<b>\$ 1,994,167.20</b>		<b>\$ 2,388,805.00</b>		<b>\$ 2,163,147.10</b>

RESOLUTION NO. 2004-105

A RESOLUTION OF THE LODI CITY COUNCIL AWARDING  
THE CONTRACT FOR THE WATER AND WASTEWATER MAIN  
REPLACEMENT PROGRAM (PROJECT NO. 2) AND FURTHER  
APPROPRIATE FUNDS FOR THE PROJECT

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WHEREAS, in answer to notice duly published in accordance with law and the order of this City Council, sealed bids were received and publicly opened on May 12, 2004, at 11:00 a.m. for the Water and Wastewater Main Replacement Program (Project No. 2), described in the specifications therefore approved by the City Council on March 17, 2004; and

WHEREAS, said bids have been compared, checked, and tabulated and a report thereof filed with the City Manager as follows:

<u>Bidder/Location</u>	<u>Bids</u>
<b><u>Engineering Estimate</u></b>	<b><u>\$2,511,583.00</u></b>
Crutchfield Construction Company, Stockton, CA	\$1,994,167.20
Tidelands, Construction Company, Brentwood, CA	\$2,388,805.00

WHEREAS, the City Manager recommends award of the contract for the Water and Wastewater Main Replacement Program (Project No. 2) to Crutchfield Construction Company, of Lodi, California.

NOW, THEREFORE, BE IT RESOLVED by the Lodi City Council that the award of the contract for the Water and Wastewater Main Replacement Program (Project No. 2) be and the same is hereby awarded to Crutchfield Construction Company, of Lodi, California, in the amount of \$1,994,167.20; and

BE IT FURTHER RESOLVED that funds in the amount of \$2,350,000 be appropriated as follows:

Water Utility Capital Outlay Fund	\$ 730,000.00
Wastewater Utility Capital Outlay Fund	\$1,620,000.00

Dated: June 2, 2004

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I hereby certify that Resolution No. 2004-105 was passed and adopted by the City Council of the City of Lodi in a regular meeting held June 2, 2004, by the following vote:

AYES: COUNCIL MEMBERS – Beckman, Hitchcock, Howard, Land, and Mayor Hansen

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – None



SUSAN J. BLACKSTON  
City Clerk